

J. H. WILLIAMS & CO.

Sales and General Offices—75-77 Spring St.

Works and District Warehouse
Buffalo, N. Y.

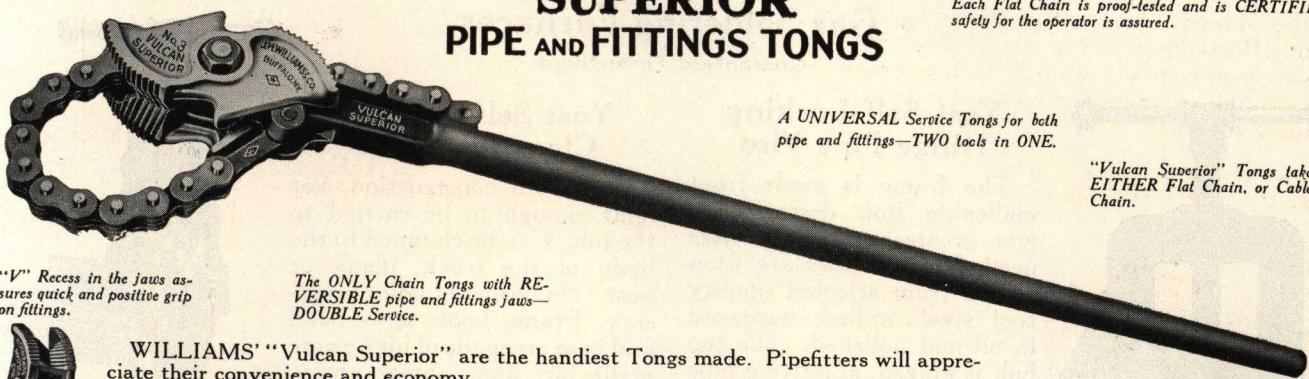
NEW YORK, N. Y.

District Warehouse
117 N. Jefferson St., Chicago

WILLIAMS
SUPERIOR DROPO-FORGED TOOLS

VULCAN SUPERIOR PIPE AND FITTINGS TONGS

Each Flat Chain is proof-tested and is CERTIFIED;
safety for the operator is assured.



"V" Recess in the jaws assures quick and positive grip on fittings.

The ONLY Chain Tongs with REVERSIBLE pipe and fittings jaws—DOUBLE Service.



WILLIAMS' "Vulcan Superior" are the handiest Tongs made. Pipefitters will appreciate their convenience and economy.

Convenience: Since they serve BOTH pipe and fittings, two tools as commonly used (one for pipe and one for fittings) are unnecessary.

Economy: Their REVERSIBLE jaws give double life. When the teeth first in use wear, simply unscrew the bolt and turn the jaws end-for-end.

The "V" Recess in the jaws, combined with their general design, gives "Vulcan Superior" a greater number of grips or "bites," both on pipe and fittings, than ordinary tongs. One-spot wear on the teeth is prevented and ease in operation provided.

Fully guaranteed. All parts interchangeable.

Number	0	1	2	3	3½	4	5
For Pipe and Fittings, inches.	1/8 to 3/4	1/8 to 1 1/2	1/4 to 2 1/2	3/4 to 4	1 to 6	1 1/2 to 8	2 to 12
Extreme Length.	13 3/4	20	27	37	44 1/2	50 1/2	64 1/2
Weight, pounds	2	5 1/2	10	17	26	34	54
Flat Link Chain							
Breaking strain, pounds.	3,600	6,700	9,800	12,500	14,300	15,700	21,800
Cable Chain							
Breaking strain, pounds.	1,800	6,000	9,000	12,500	14,300	15,700	21,800
Price, Complete	\$5.00	\$7.00	\$10.00	\$14.00	\$18.00	\$22.00	\$36.00
Extra Chain	1.50	2.00	3.00	5.00	7.00	9.00	15.00
*Extra Jaws, per pair	2.00	3.50	5.50	8.00	9.50	11.00	15.00
Extra Bolt and Nut, per set	.28	.36	.46	.60	.70	.90	1.30

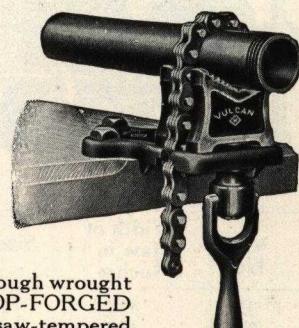
*Extra Jaws supplied in pairs unless otherwise called for. If only a single jaw is wanted, specify Right or Left.

Williams' "Vulcan" Drop-Forged Chain Pipe Vises



"Vulcan Superior"
Drop-Forged
Chain Pipe Vise

"Vulcan"
Drop-Forged
Chain Pipe Vise



THE ORIGINAL
CHAIN PIPE VISE

These vises are made entirely of tough wrought steel—no castings are used. DROP-FORGED base, handle and jaws, with teeth saw-tempered for file sharpening. The chains are of the same quality as those of our "Vulcan" Tongs.

Standard finish, with orange panel in jaws.

Unbreakable, light, compact, rapid in action, positive in grip. Fully guaranteed. Packed one in a box for shelving.

Points of Superiority

1. "Overhead" Adjustment—the handle is ON TOP where it's easy to operate.
2. Reversible Jaws—when the teeth first in use wear, remove the screws and turn the jaws over.
3. Larger Capacity—each vise takes pipe 1/2-inch larger than other chain pipe vises of similar size.

Two styles of finish: Chrome-plated and standard with orange panel in jaws.

Wholly made from tough wrought steel. Fully guaranteed. Packed one in a box for shelving.

No.	For Pipe Sizes	Weight Each Pounds	Prices, Vises and Extra Parts				No.	For Pipe Sizes	Weight Each Pounds	Price, Vise and Extra Parts								
			Jaws, Pair		Chain Without Chain Arm					Jaws Pair	Chain with Screw	Screw	Handle and Nut	Nut	Vise Com- plete			
			Std. Finish	Chrome Plated	Standard	Plated												
11	1/8 to 2 1/2	7	\$3.30	\$4.00	\$2.00	\$2.20	1	1/8 to 2	4	\$3.00	\$2.50	\$0.80	\$2.20	\$1.40	\$7.00			
12	1/4 to 4 1/2	15	7.70	9.00	3.60	4.00	2	1/4 to 4	10	7.00	4.80	1.40	4.20	2.70	15.00			
							3	1/2 to 6	18	12.00	9.00	2.50	7.00	4.00	27.00			
							4	1/2 to 8	30	18.00	12.00	2.50	7.00	4.00	36.00			